

Patent Claims

1. A method for commissioning articles (A1) which are suitable for a central belt in a central belt commissioning device and articles (A2) which are not suitable for a central belt manually from a article warehouse or shelf (5), in which said articles (A1) which are suitable for a central belt are
5 commissioned in the central belt commissioning device above a central belt (1) and fall automatically directly onto the driven central belt (1) in a targeted manner and from there they fall into a stationary container or immediately into a container (10) arranged on the driven central belt at the end of the central belt,

characterized in that

10 the articles (A2) which are not suitable for a central belt are commissioned manually in said containers (10) in a commissioning path to the right and/or left of the central belt (1) of the central belt commissioning device and are sent directly to a dispatching station or preferably to the central belt commissioning device for commissioning with said articles (A1) which are suitable for a central belt.

15 2. A method in accordance with claim 1,

characterized in that

the containers (10) are filled manually with said articles (A2) which are not suitable for a central belt on at least one said conveying track (7) in the commissioning area of the central belt (1) in parallel to the central belt (1) or in at least one discharge station of the conveying track, and that
20 the containers (10) filled with said articles (A2) which are not suitable for a central belt are

transferred either directly to the dispatching station or, for further filling with said articles (A1) which are suitable for a central belt, directly to the central belt (1) or to a removing track (3, 4), which transfers the containers (10) filled with said articles (A2) which are not suitable for a central belt to the end of the central belt (1) for further filling with said articles (A1) which are suitable for a central belt.

3. A commissioning system for carrying out the method in accordance with claim 1 or 2, in which said articles (A1) which are suitable for a central belt are commissioned above a central belt (1) of a central belt commissioning device and then fall automatically directly onto the central belt (1) in a targeted manner and they fall from there at the end of the central belt into a stationary container or directly into a container (10') arranged on the driven central belt,

characterized in that

at least one said conveying track (7), preferably in the form of a free roller path, is provided in the commissioning area of the central belt (1) in parallel to the central belt, and said containers (10) are arranged on the conveying track (7) for manual filling with said articles (A2) which are not suitable for a central belt, wherein the containers (10) filled with said articles (A2) which are not suitable for a central belt can be transferred either directly to the dispatching station or, for further filling with said articles (A1) which are suitable for a central belt, directly to the driven central belt (1) or to a removing track (3, 4), which conveys the containers (10) filled with said articles (A2) which are not suitable for a central belt to the end of the central belt (1) for further filling with said articles (A1) which are suitable for a central belt.

4. A commissioning system in accordance with claim 3,

characterized in that

the central belt (1) is provided in a bay aisle of a double shelf, which has two said parallel shelves (5), which are arranged at spaced locations from one another and with which a conveying track (7) each, which is preferably located close to the floor, is associated.

5 5. A commissioning system in accordance with claim 3 or 4,
characterized in that

the conveying track (7) is designed as a conveying track integrated in the shelf (5) and is a structural component of the shelf at least partially.

10 6. A commissioning system in accordance with claim 3 or 4,
characterized in that

the conveying track (6) is arranged in the area of the central belt (1) and is a structural component of the central belt commissioning device at least partially.

15 7. A commissioning system in accordance with one of the claims 3 through 6,
characterized in that

the removing track (3) is arranged above the central belt (1).

8. A commissioning system in accordance with one of the claims 3 through 5,
characterized in that

the removing track (4) is provided directly next to the conveying track (7) in a parallel arrangement, preferably at the same level.

9. A commissioning system in accordance with one of the claims 3 through 8,

characterized in that

the conveying track (7), the removing track (3, 4) and/or the central belt (1) is/are provided with at least one said discharge station (9).